

=> d his

(FILE 'HOME' ENTERED AT 10:17:57 ON 04 FEB 2005)

FILE 'REGISTRY' ENTERED AT 10:21:37 ON 04 FEB 2005

E TIOTROPIUM

L1 8 S E3

E SALMETEROL

L2 11 S E3

FILE 'CAPLUS' ENTERED AT 10:26:19 ON 04 FEB 2005

L3 176 S L1

S 412010-64-1/REG# OR 412010-63-0/REG# OR 412010-62-9/REG#

FILE 'REGISTRY' ENTERED AT 10:34:53 ON 04 FEB 2005

L4 1 S 136310-93-5/RN

FILE 'CAPLUS' ENTERED AT 10:34:53 ON 04 FEB 2005

L5 122 S L4

FILE 'REGISTRY' ENTERED AT 10:34:53 ON 04 FEB 2005

L6 1 S 186691-13-4/RN

FILE 'CAPLUS' ENTERED AT 10:34:54 ON 04 FEB 2005

L7 88 S L6

FILE 'REGISTRY' ENTERED AT 10:34:54 ON 04 FEB 2005

L8 1 S 411207-31-3/RN

FILE 'CAPLUS' ENTERED AT 10:34:54 ON 04 FEB 2005

L9 27 S L8

FILE 'REGISTRY' ENTERED AT 10:34:55 ON 04 FEB 2005

L10 1 S 412010-60-7/RN

FILE 'CAPLUS' ENTERED AT 10:34:55 ON 04 FEB 2005

L11 19 S L10

FILE 'REGISTRY' ENTERED AT 10:34:55 ON 04 FEB 2005

L12 1 S 412010-61-8/RN

FILE 'CAPLUS' ENTERED AT 10:34:55 ON 04 FEB 2005

L13 19 S L12

FILE 'REGISTRY' ENTERED AT 10:34:56 ON 04 FEB 2005

L14 1 S 412010-62-9/RN

FILE 'CAPLUS' ENTERED AT 10:34:56 ON 04 FEB 2005

L15 19 S L14

FILE 'REGISTRY' ENTERED AT 10:34:56 ON 04 FEB 2005

L16 1 S 412010-63-0/RN

FILE 'CAPLUS' ENTERED AT 10:34:57 ON 04 FEB 2005

L17 15 S L16

FILE 'REGISTRY' ENTERED AT 10:34:57 ON 04 FEB 2005

L18 1 S 412010-64-1/RN

FILE 'CAPLUS' ENTERED AT 10:34:57 ON 04 FEB 2005

L19 19 S L18

L20 176 S L19 OR L17 OR L15 OR L13 OR L11 OR L9 OR L7 OR L5

L21 176 S L3 OR L20

L22 839 S L2

L23 0 S L1(L)L2

L24 0 S L21(L)L22

FILE 'USPATFULL, USPAT2' ENTERED AT 10:37:16 ON 04 FEB 2005

FILE 'EPFULL, FRFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL,
USPAT2' ENTERED AT 10:37:22 ON 04 FEB 2005

L25 372 S L23 OR L24
L26 371 DUP REM L25 (1 DUPLICATE REMOVED)
L27 44 S L26 NOT PY>=2001

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L28 0 S L25

FILE 'EPFULL, FRFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL,
USPAT2' ENTERED AT 10:41:17 ON 04 FEB 2005

=> s e3

L1 8 TIOTROPIUM/BI

=> d rn str cn 1-8

L1 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN

RN 412010-64-1 REGISTRY

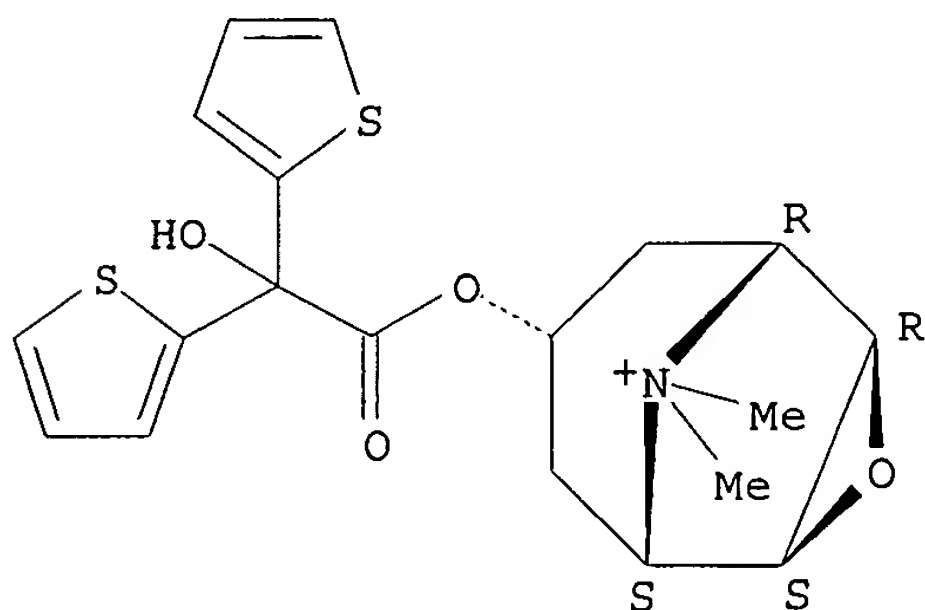
CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, (1 α ,2 β ,4 β ,5 α ,7 β a.)-, salt with 4-methylbenzenesulfonic acid (1:1) (9CI) (CA INDEX NAME)

OTHER NAMES:

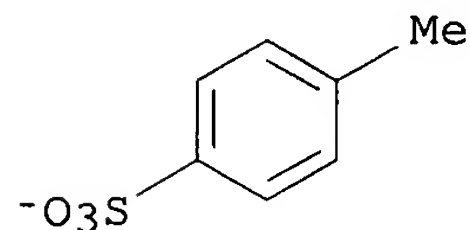
CN **Tiotropium p-toluenesulfonate**

CM 1

Relative stereochemistry.



CM 2



L1 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN

RN 412010-63-0 REGISTRY

CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, (1 α ,2 β ,4 β ,5 α ,7 β a.)-, methyl sulfate (salt) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Tiotropium methylsulfate**

CM 1

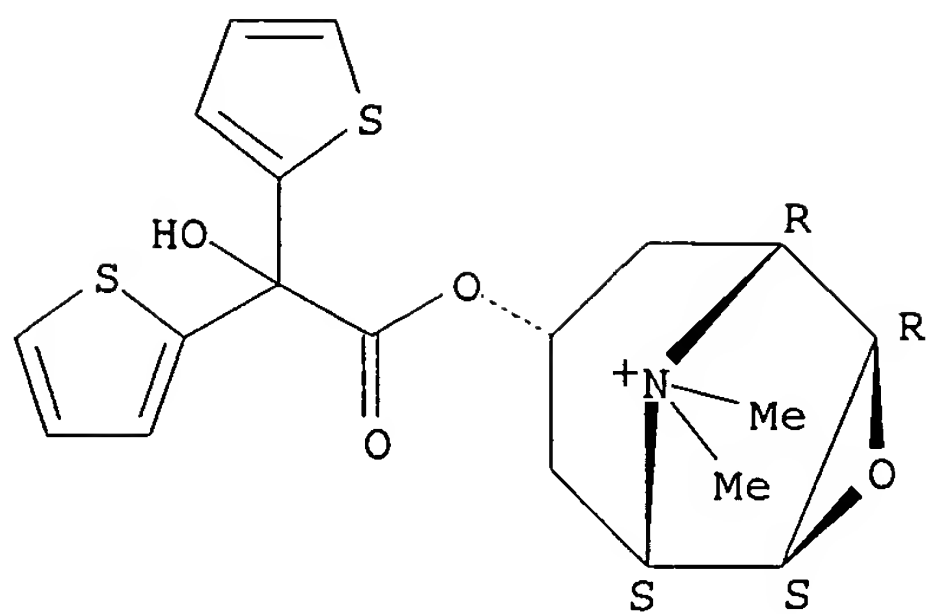
Relative stereochemistry.



CM 1

CM 2





● I⁻

CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, iodide, (1 α ,2 β ,4 β ,5.alpha.,7 β)-(9CI) (CA INDEX NAME)

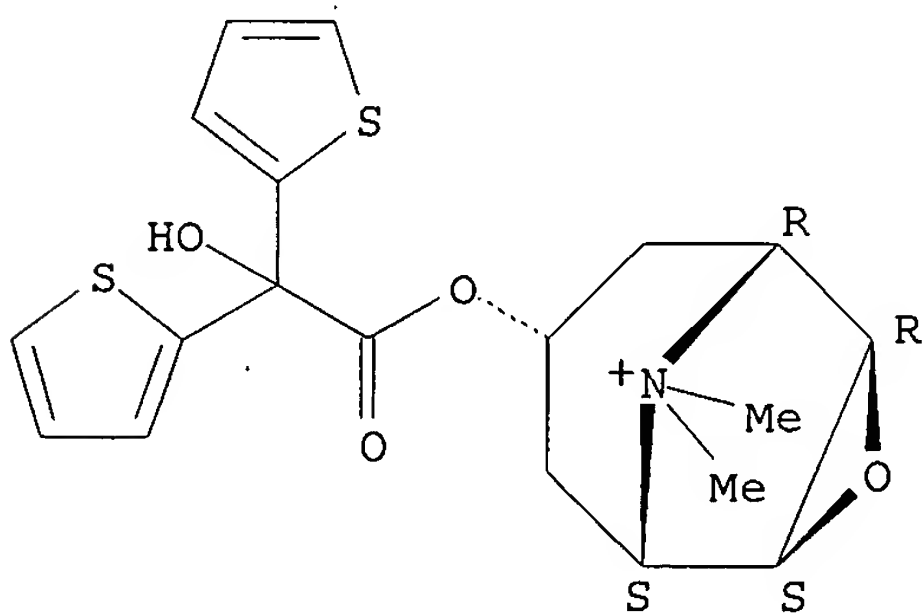
OTHER NAMES:

CN **tiotropium iodide**

L1 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN

RN 412010-60-7 REGISTRY

Relative stereochemistry.



● Cl⁻

CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, chloride, (1 α ,2 β ,4 β ,5.alpha.,7 β)-(9CI) (CA INDEX NAME)

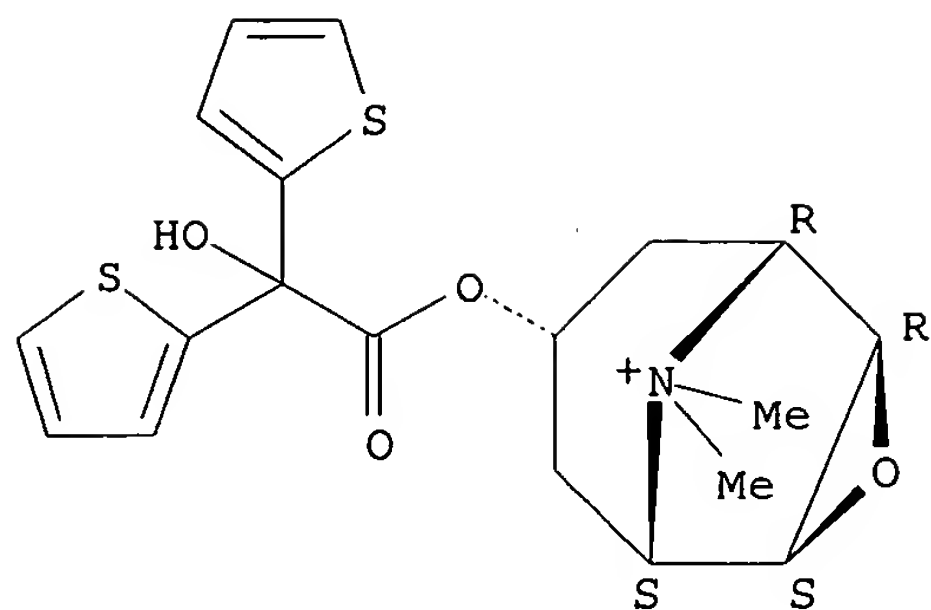
OTHER NAMES:

CN **tiotropium chloride**

L1 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN

RN 411207-31-3 REGISTRY

Relative stereochemistry.



● Br⁻

● H₂O

CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, bromide, monohydrate, (1 α ,2 β ,4 β ,5 α ,7 β)- (9CI) (CA INDEX NAME)

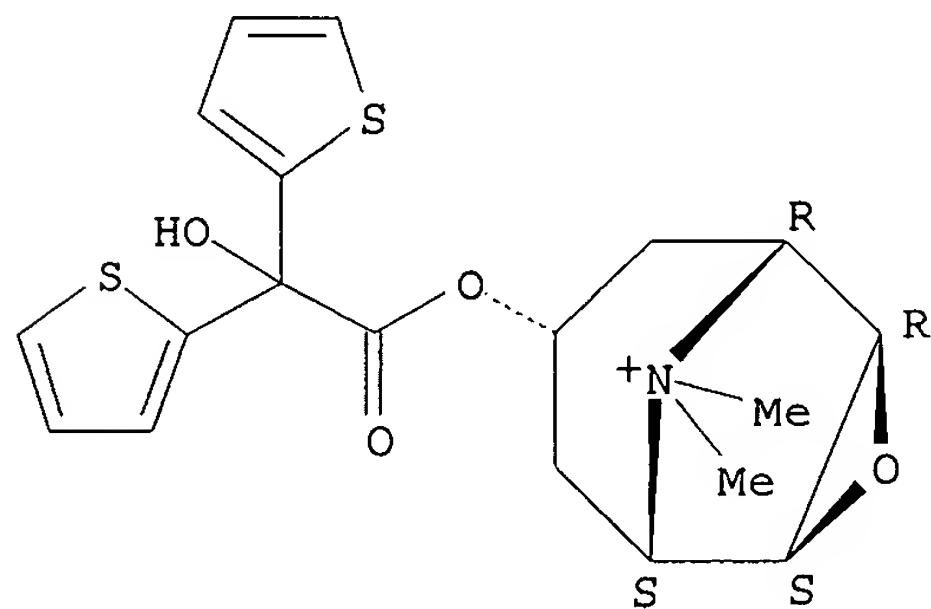
OTHER NAMES:

CN **Tiotropium bromide monohydrate**

L1 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN

RN 186691-13-4 REGISTRY

Relative stereochemistry.



CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, (1 α ,2 β ,4 β ,5 α ,7 β)- (9CI) (CA INDEX NAME)

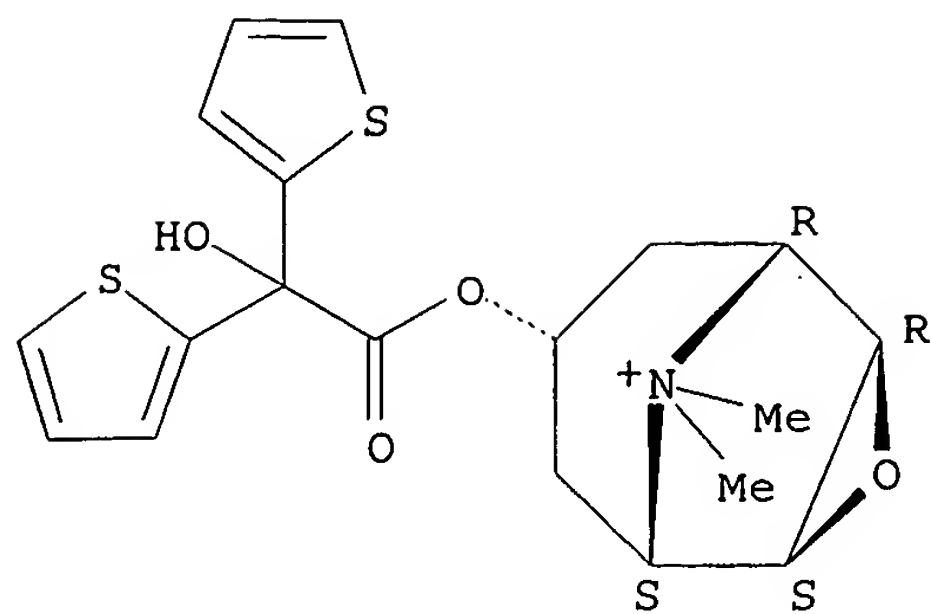
OTHER NAMES:

CN **Tiotropium**

L1 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN

RN 136310-93-5 REGISTRY

Relative stereochemistry.



● Br⁻

CN 3-Oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane, 7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-, bromide, (1 α ,2 β ,4 β ,5.alpha.,7 β)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3-Oxa-9-azatricyclo[3.3.1.0^{2,4}]nonane, 3-oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane deriv.

OTHER NAMES:

CN BA 679BR

CN Spiriva

CN tiotropium

CN **Tiotropium bromide**

=> s e3

L2 11 SALMETEROL/BI

=> d rn str cn 1-11

L2 ANSWER 1 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN

RN 384849-80-3 REGISTRY

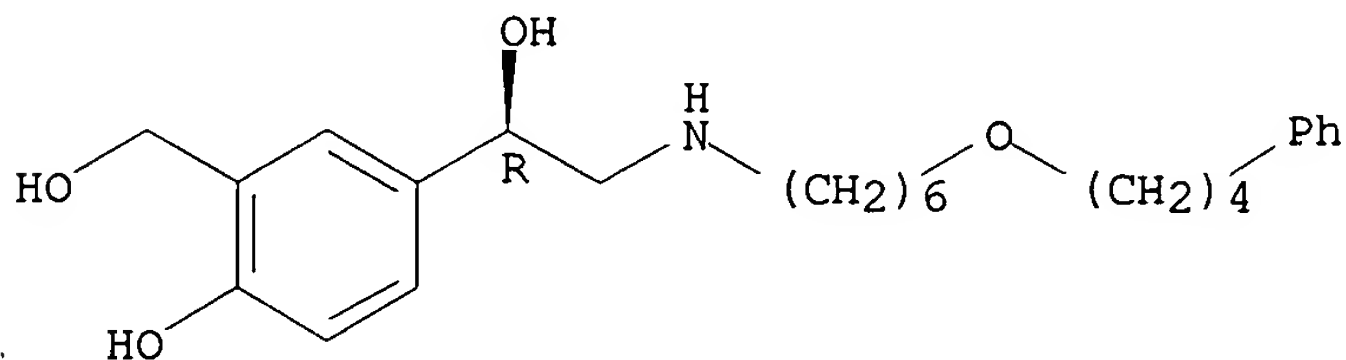
CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (α 1R)-, acetate (salt) (9CI) (CA INDEX NAME)

OTHER NAMES:

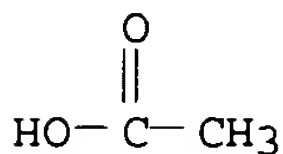
CN (R)-Salmeterol acetate

CM 1

Absolute stereochemistry. Rotation (-).



CM 2



L2 ANSWER 2 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN

RN 384849-79-0 REGISTRY

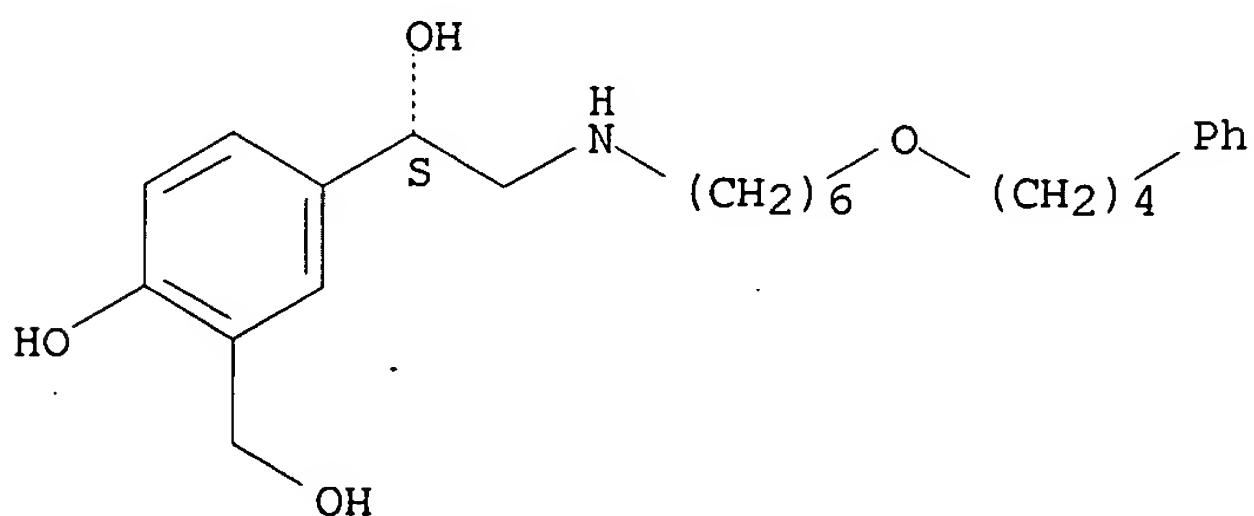
CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (α 1S)-, acetate (salt) (9CI) (CA INDEX NAME)

OTHER NAMES:

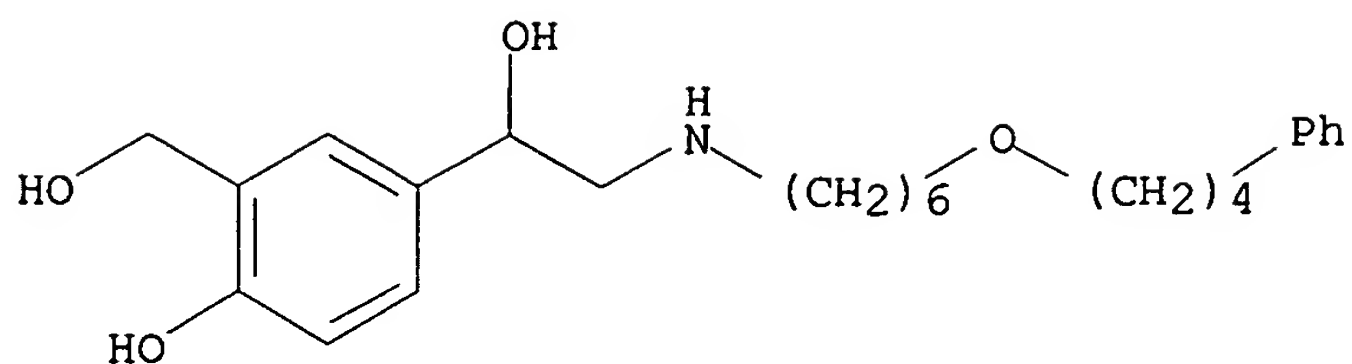
CN (S)-Salmeterol acetate

CM 1

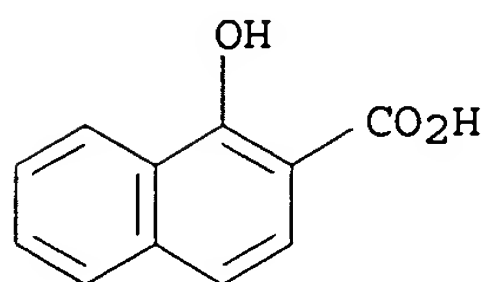
Absolute stereochemistry.



CM 2



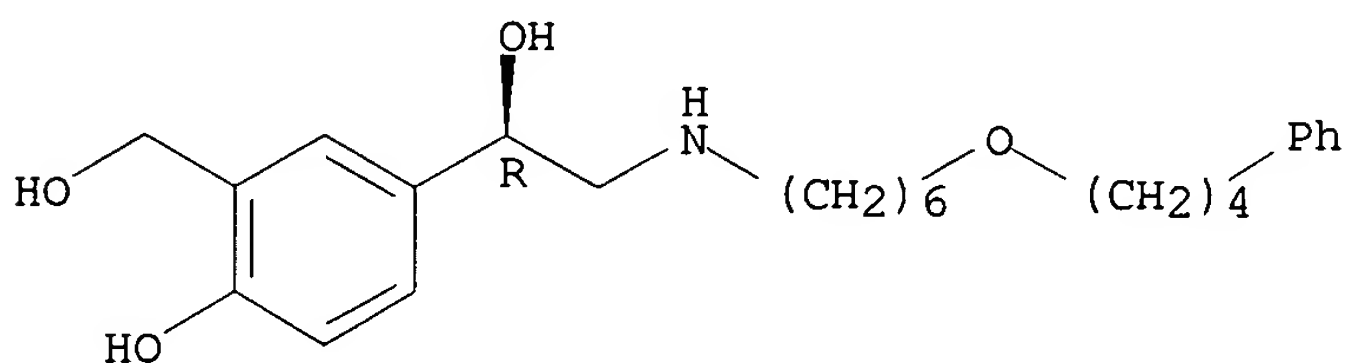
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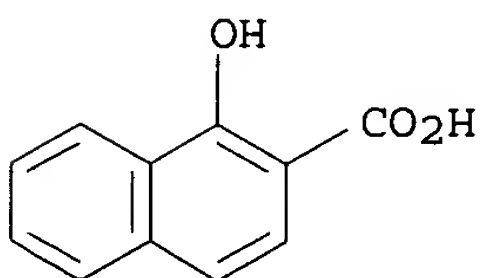
L2 ANSWER 4 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 135271-49-7 REGISTRY
 CN 2-Naphthalenecarboxylic acid, 1-hydroxy-, compd. with (α 1R)-4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (α 1R)-, 1-hydroxy-2-naphthalenecarboxylate (salt) (9CI)
 OTHER NAMES:
 CN **(R)-Salmeterol 1-hydroxy-2-naphthoic acid salt**

CM 1

Absolute stereochemistry. Rotation (-).

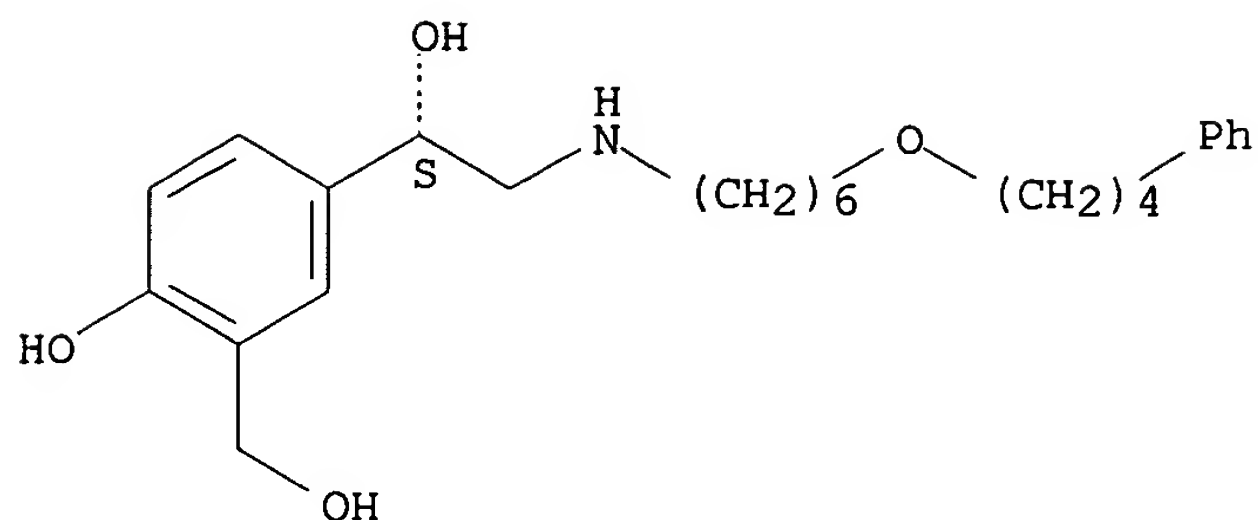


CM 2



L2 ANSWER 5 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 135271-48-6 REGISTRY

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (α 1S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (S)-

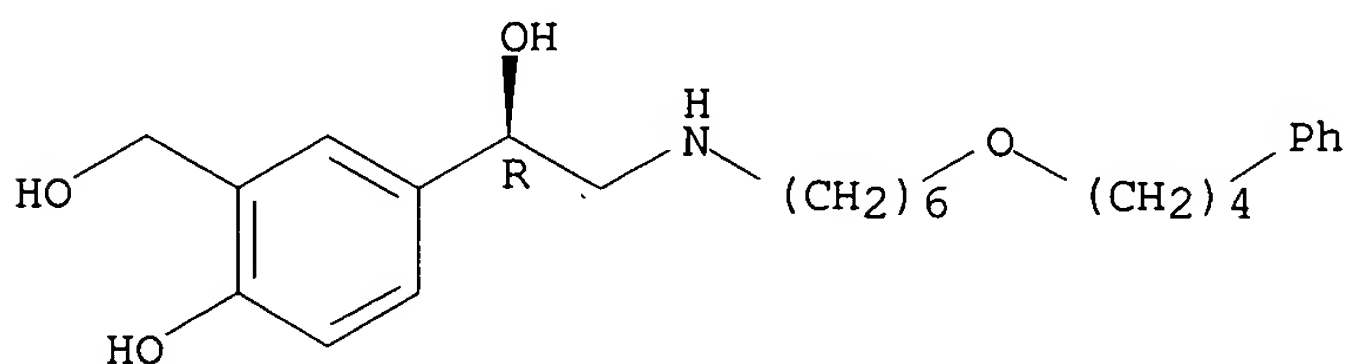
OTHER NAMES:

CN (S)-Salmeterol

L2 ANSWER 6 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN

RN 135271-47-5 REGISTRY

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (α 1R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (R)-

OTHER NAMES:

CN (R)-Salmeterol

CN R-(-)-Salmeterol

L2 ANSWER 7 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN

RN 94749-10-7 REGISTRY

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, sulfate (2:1) (salt) (9CI) (CA INDEX NAME)

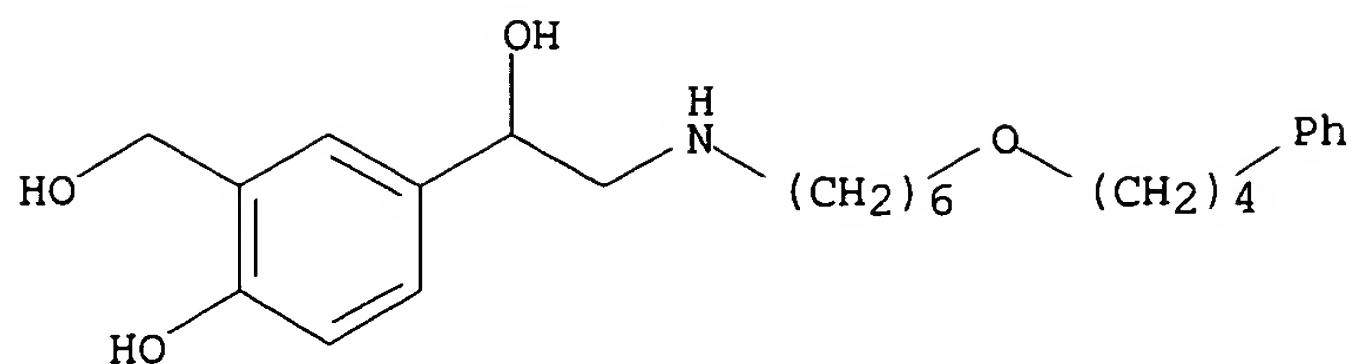
OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (\pm)-, sulfate (2:1) (salt)

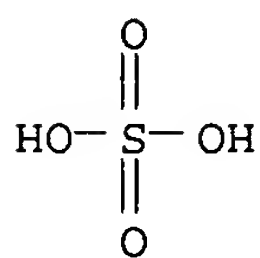
OTHER NAMES:

CN Salmeterol sulfate

CM 1



CM 2



L2 ANSWER 8 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN

RN 94749-08-3 REGISTRY

CN 2-Naphthalenecarboxylic acid, 1-hydroxy-, compd. with 4-hydroxy- α 1-
[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1) (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (\pm)-, 1-hydroxy-2-naphthalenecarboxylate (salt)

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, 1-hydroxy-2-naphthalenecarboxylate (salt) (9CI)

CN 2-Naphthalenecarboxylic acid, 1-hydroxy-, compd. with (\pm)-4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1)

OTHER NAMES:

CN Arial

CN GR 33343G

CN GR 3343G

CN Salmeterol

CN **Salmeterol hydroxynaphthoate**

CN **Salmeterol xinafoate**

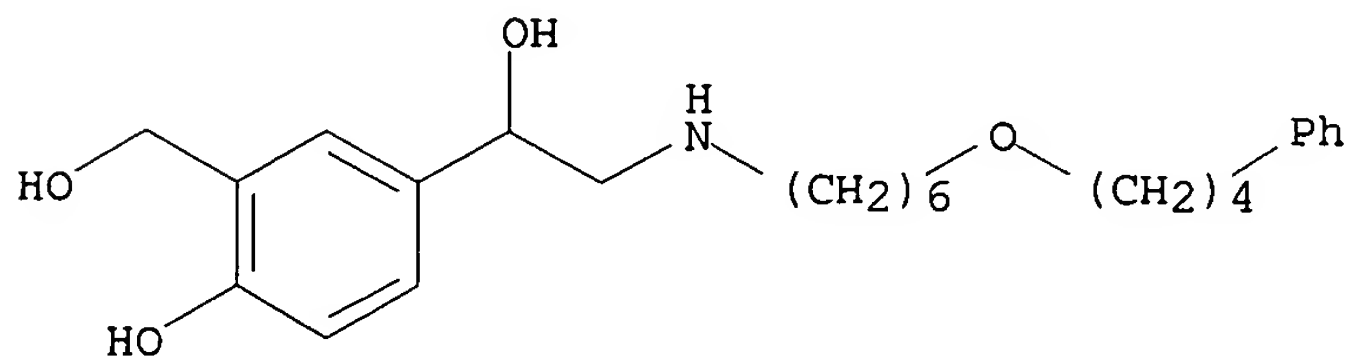
CN Serevent

CN Serevent Diskus

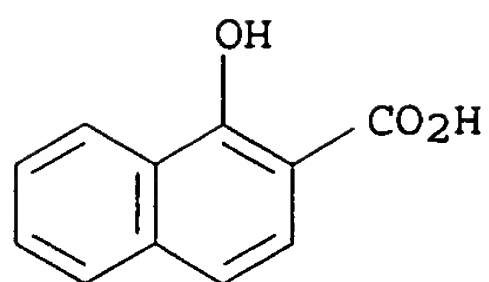
CN Siduomi

CN SN 408

CM 1



CM 2



L2 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 94749-06-1 REGISTRY
 CN Benzoic acid, 4-chloro-, compd. with 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (\pm)-, 4-chlorobenzoate (salt)

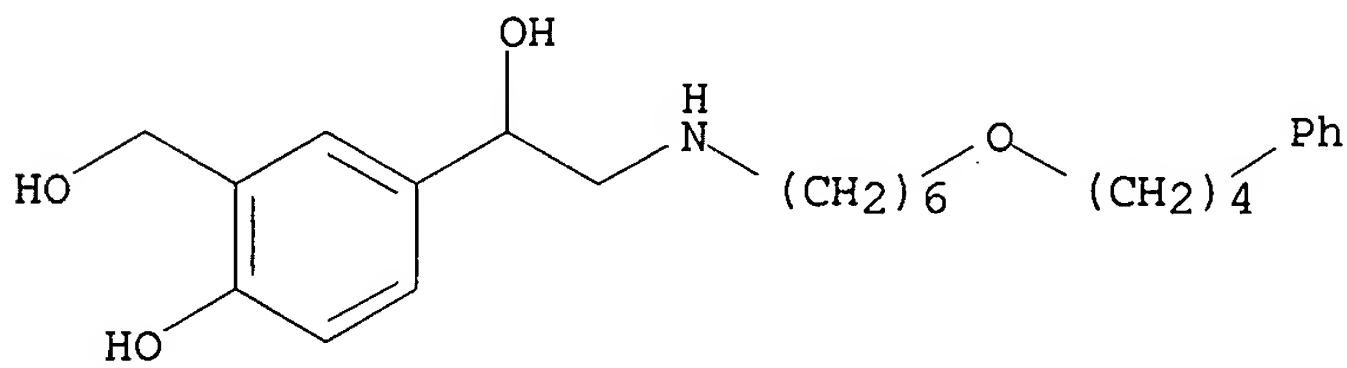
CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, 4-chlorobenzoate (salt) (9CI)

CN Benzoic acid, 4-chloro-, compd. with (\pm)-4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1)

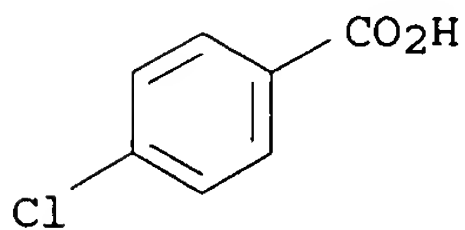
OTHER NAMES:

CN **Salmeterol 4-chlorobenzoate**

CM 1



CM 2



L2 ANSWER 10 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 94749-05-0 REGISTRY
 CN Benzoic acid, 2-hydroxy-, compd. with 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (\pm)-, 2-hydroxybenzoate (salt)

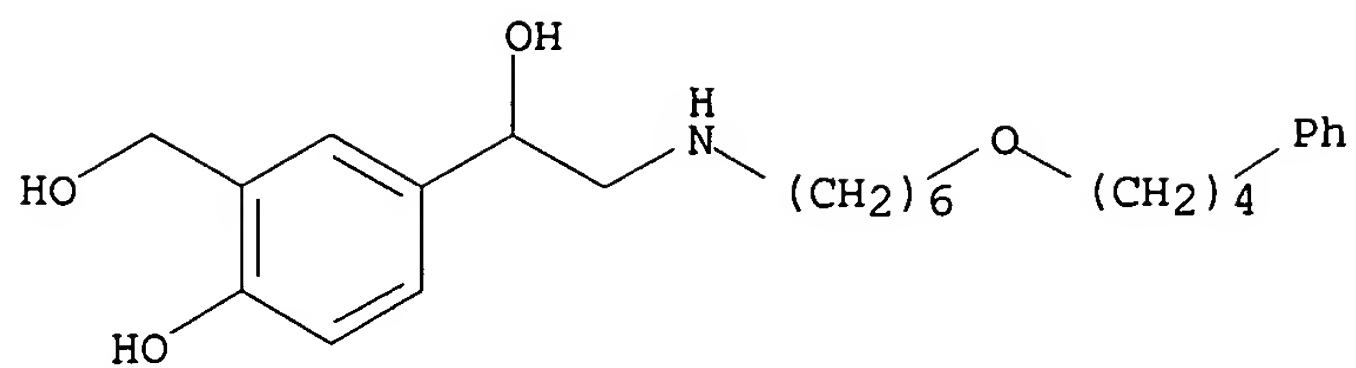
CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, 2-hydroxybenzoate (salt) (9CI)

CN Benzoic acid, 2-hydroxy-, compd. with (\pm)-4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol (1:1)

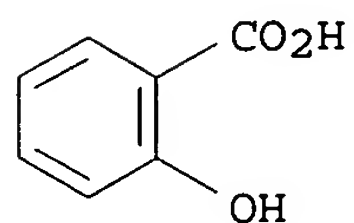
OTHER NAMES:

CN **Salmeterol salicylate**

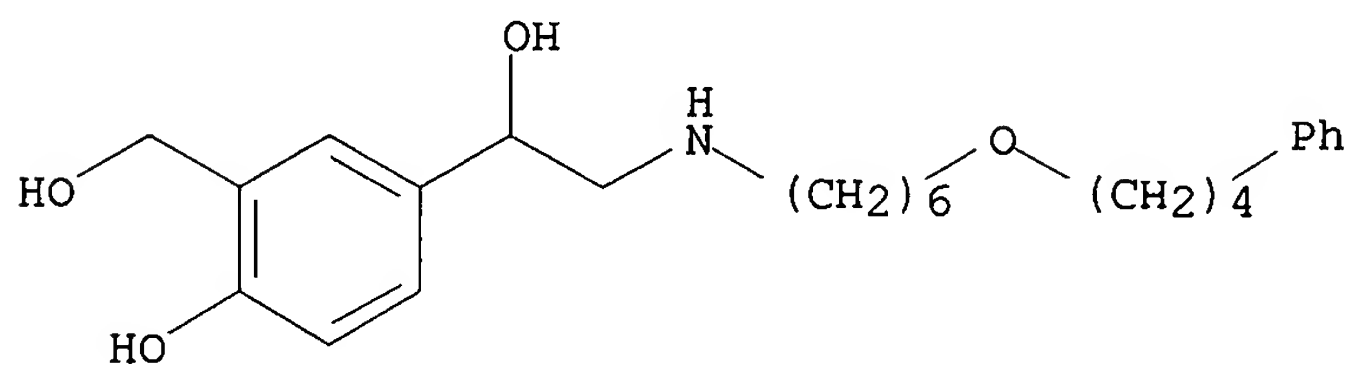
CM 1



CM 2



L2 ANSWER 11 OF 11 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 89365-50-4 REGISTRY



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (\pm) -

OTHER NAMES:

CN GR 33343X

CN **Salmeterol**

L27 ANSWER 35 OF 44 PCTFULL COPYRIGHT 2005 Univentio on STN
 ACCESSION NUMBER: 1999051205 PCTFULL ED 20020515
 TITLE (ENGLISH): AEROSOL COMPOSITION
 TITLE (FRENCH): COMPOSITION D'AEROSOL
 INVENTOR(S): DICKINSON, Paul, Alfred;
 WARREN, Simon, John
 PATENT ASSIGNEE(S): UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED;
 CARDIFF SCINTIGRAPHICS LIMITED;
 DICKINSON, Paul, Alfred;
 WARREN, Simon, John
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9951205	A1	19991014

DESIGNATED STATES

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 MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

APPLICATION INFO.: WO 1999-GB1019 A 19990401
 PRIORITY INFO.: GB 1998-9807232.5 19980403

L27 ANSWER 36 OF 44 PCTFULL COPYRIGHT 2005 Univentio on STN
 ACCESSION NUMBER: 1999039729 PCTFULL ED 20020515
 TITLE (ENGLISH): USE OF HEREGULIN AS AN EPITHELIAL CELL GROWTH FACTOR
 TITLE (FRENCH): UTILISATION DE L'HEREGULINE COMME FACTEUR DE CROISSANCE
 DE CELLULE EPITHELIALE
 INVENTOR(S): SLIWKOWSKI, Mark;
 KERN, Jeffrey, A.
 PATENT ASSIGNEE(S): GENENTECH, INC.;
 UNIVERSITY OF IOWA RESEARCH FOUNDATION
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9939729	A2	19990812

DESIGNATED STATES

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
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 BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF
 BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1999-US2390 A 19990203
 PRIORITY INFO.: US 1998-09/020,598 19980204

L27 ANSWER 37 OF 44 PCTFULL COPYRIGHT 2005 Univentio on STN
 ACCESSION NUMBER: 1999030690 PCTFULL ED 20020515
 TITLE (ENGLISH): ORAL DELIVERY FORMULATION
 TITLE (FRENCH): FORMULATION D'ADMINISTRATION PAR VOIE ORALE
 INVENTOR(S): COMPTON, Bruce, Jon;
 SOLARI, Nancy, E.;
 FLANAGAN, Margaret, A.
 PATENT ASSIGNEE(S): AXIA THERAPEUTICS, INC.;
 COMPTON, Bruce, Jon;
 SOLARI, Nancy, E.;
 FLANAGAN, Margaret, A.
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent

NUMBER	KIND	DATE
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DESIGNATED STATES

AL	AM	AT	AU	AZ	BA	BB	BG	BR	BY	CA	CH	CN	CU	CZ	DE	DK	EE
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ZW	GH	GM	KE	LS	MW	SD	SZ	UG	ZW	AM	AZ	BY	KG	KZ	MD	RU	TJ
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SE	BF	BJ	CF	CG	CI	CM	GA	GN	GW	ML	MR	NE	SN	TD	TG		

WO 1998-US26627 A 19981215

US 1997-60/069.501 19971215

US 1998-60/073,867 19980204

US	1998-09/055,163	19980404
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US	1998-09/055,560	19980406
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PCTFULL COPYRIGHT 2005 Univention on STN

1998056446 PCTFULL ED 20020514

DISPENSER WITH DOSES' COUNTER

DISTRIBUTEUR A COMPTEUR DE DOSES

RAND, Paul, Kenneth:

BRAND, Peter, John;

GODFREY, James, William

GLAXO GROUP LIMITED;

RAND, Paul, Kenneth;

BRAND, Peter, John;

GODFREY, James, William

English

Patent

NUMBER	KIND	DATE
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WO 9856446 A1 19981217

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GM	KE	LS	MW	SD	SZ	UG	ZW	AM	AZ	BY	KG	KZ	MD	RU	TJ	TM	AT
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WO 1998-EP3379 A 19980608

GB 1997-9711889.7	19970610
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GB 1997-9721875.4 19971016

PCTFULL COPYRIGHT 2005 Univention on STN

1998056445 PCTFULL ED 20020514

DISPENSER WITH DOSES COUNTER

DISTRIBUTEUR POURVU D'UN COMPTE-DOSES

RAND, Paul, Kenneth;

BRAND, Peter, John;

GODFREY, James, William

GLAXO GROUP LIMITED;

RAND, Paul, Kenneth;

BRAND, Peter, John;

GODFREY, James, William

English

Patent

NUMBER	KIND	DATE
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WO 9856445 A1 19981217

W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
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BJ CF CG CI CM GA GN ML MR NE SN TD TG
APPLICATION INFO.: WO 1998-EP3378 A 19980608
PRIORITY INFO.: GB 1997-9711889.7 19970610
GB 1997-9721875.4 19971016

L27 ANSWER 40 OF 44 PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER: 1998056444 PCTFULL ED 20020514
TITLE (ENGLISH): DISPENSER WITH DOSES' COUNTER
TITLE (FRENCH): DISTRIBUTEUR MUNI D'UN INDICATEUR DE DOSES
INVENTOR(S): RAND, Paul, Kenneth;
BRAND, Peter, John;
GODFREY, James, William;
BONNEY, Stanley, George
PATENT ASSIGNEE(S): GLAXO GROUP LIMITED;
RAND, Paul, Kenneth;
BRAND, Peter, John;
GODFREY, James, William;
BONNEY, Stanley, George
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

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WO 9856444	A1	19981217

DESIGNATED STATES
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC
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APPLICATION INFO.: WO 1998-EP3377 A 19980608
PRIORITY INFO.: GB 1997-9711889.7 19970610
GB 1997-9721875.4 19971016

L27 ANSWER 41 OF 44 PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER: 1998027959 PCTFULL ED 20020514
TITLE (ENGLISH): NEW AQUEOUS MEDICAMENT PREPARATIONS FOR THE PRODUCTION
OF PROPELLENT GAS-FREE AEROSOLS
TITLE (FRENCH): NOUVELLES PREPARATIONS MEDICAMENTEUSES AQUEUSES POUR LA
PRODUCTION D'AEROSOLS DEPOURVUS DE GAZ PROPULSEUR
INVENTOR(S): FREUND, Bernhard;
ZIERENBERG, Bernd
PATENT ASSIGNEE(S): BOEHRINGER INGELHEIM KG;
FREUND, Bernhard;
ZIERENBERG, Bernd
LANGUAGE OF PUBL.: German
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9827959	A2	19980702

DESIGNATED STATES
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DK ES FI FR GB GR IE IT LU MC NL PT SE
APPLICATION INFO.: WO 1997-EP7062 A 19971216
PRIORITY INFO.: DE 1996-196 53 969.2 19961220

L27 ANSWER 42 OF 44 PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER: 1997044063 PCTFULL ED 20020514
TITLE (ENGLISH): DHA-PHARMACEUTICAL AGENT CONJUGATES
TITLE (FRENCH): CONJUGUES D'ACIDE CIS-DOCOSAHEXANOIQUE ET D'AGENTS
PHARMACEUTIQUES

INVENTOR(S) :	BRADLEY, Matthews, O. ; SHASHOUA, Victor, E. ; WEBB, Nigel, L. ; SWINDELL, Charles, S.									
PATENT ASSIGNEE(S) :	NEUROMEDICA, INC.									
LANGUAGE OF PUBL. :	English									
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L27 ANSWER 43 OF 44	PCTFULL COPYRIGHT 2005 Univentio on STN									
ACCESSION NUMBER:	1997034871 PCTFULL ED 20020514									
TITLE (ENGLISH):	NITROSATED AND NITROSYLATED COMPOUNDS AND COMPOSITIONS AND THEIR USE FOR TREATING RESPIRATORY DISORDERS									
TITLE (FRENCH):	COMPOSES NITROSES ET DE NITROSYLES ET LEUR UTILISATION POUR TRAITER DES TROUBLES RESPIRATOIRES									
INVENTOR(S) :	GARVEY, David, S. ; LETTS, L., Gordon ; RENFROE, H., Burt ; RICHARDSON, Stewart, K.									
PATENT ASSIGNEE(S) :	NITROMED, INC. ; GARVEY, David, S. ; LETTS, L., Gordon ; RENFROE, H., Burt ; RICHARDSON, Stewart, K.									
LANGUAGE OF PUBL. :	English									
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APPLICATION INFO. :	WO 1997-US4319 A 19970319									
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L27 ANSWER 44 OF 44	PCTFULL COPYRIGHT 2005 Univentio on STN									
ACCESSION NUMBER:	1997001329 PCTFULL ED 20020514									
TITLE (ENGLISH):	NEW, STABLE MEDICINAL COMPOSITIONS FOR GENERATING PROPELLANT-FREE AEROSOLS									
TITLE (FRENCH):	NOUVELLES COMPOSITIONS MEDICAMENTEUSES STABLES UTILES POUR GENERER DES AEROSOLS SANS GAZ PROPULSEURS									
INVENTOR(S) :	FREUND, Bernhard ; KRueGER, Michael ; ZIERENBERG, Bernd									
PATENT ASSIGNEE(S) :	BOEHRINGER INGELHEIM KG ; FREUND, Bernhard ; KRueGER, Michael ; ZIERENBERG, Bernd									
LANGUAGE OF PUBL. :	German									
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APPLICATION INFO. :	WO 1996-EP2700 A 19960621									

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L33 1 WO9701329/PN

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L31 ANSWER 1 OF 1 INPADOC COPYRIGHT 2005 EPO on STN

PATENT FAMILY INFORMATION
AN 41866439 INPADOC

+-----PRAI-----+
DE 1995-19523207 A 19950627

DE 1995-19523207 A1 19950627
DE 1996-19625027 A 19960621
DE 1996-59609627 A 19960621
EP 1996-923883 A 19960621
US 1998-973921 B1 19980203

US 1999-396673 A1 19990909

US 2002-102495 A 20020320
US 2002-102495 B1 20020320
US 2003-373515 A 20030225
WO 1996-EP2700 W 19960621

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AT 1996-923883 EP 19960621
AU 1996-64144 A 19960621
BG 1998-102172 A 19980109
BR 1996-9307 A 19960621
CA 1996-2225601 A 19960621
CN 1996-195019 A 19960621
CZ 1997-4192 A 19960621
DE 1996-59609627 A 19960621
DK 1996-923883 A 19960621
EE 1997-371 A 19960621
EP 1996-923883 A 19960621
ES 1996-923883 EP 19960621
HU 1999-1710 A 19960621
IL 1996-122752 A 19960621
JP 1997-504156 A 19960621
NO 1997-6084 A 19971223
NZ 1996-312662 A 19960621
PL 1996-324243 A 19960621
PT 1996-923883 A 19960621
RU 1998-101470 A 19960621
SI 1996-30544 A 19960621
SK 1997-1764 A 19960621
TR 1997-1711 A 19960621
TW 1996-107489 A 19960621
US 1999-396673 A 19990909
US 2002-102495 A 20020320
US 2003-373515 A 20030225
WO 1996-EP2700 A 19960621
ZA 1996-5411 A 19960626
DE 1996-19625027 A 19960621
DE 1996-19625027 A 19960621
DE 1996-59609627 A 19960621
SI 1996-30544 A 19960621
US 2002-102495 A 20020320
US 2003-373515 A 20030225
US 2002-102495 A 20020320
US 2003-373515 A 20030225
US 2002-102495 A 20020320
US 2003-373515 A 20030225
US 2003-373515 A 20030225
AT 1996-923883 EP 19960621
AU 1996-64144 A 19960621
BG 1998-102172 A 19980109
BR 1996-9307 A 19960621
CA 1996-2225601 A 19960621
DE 1996-59609627 A 19960621
DK 1996-923883 A 19960621
EE 1997-371 A 19960621
EP 1996-923883 A 19960621
HU 1999-1710 A 19960621
IL 1996-122752 A 19960621
JP 1997-504156 A 19960621
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AT 1996-923883	EP 19960621
AU 1996-64144	A 19960621
BG 1998-102172	A 19980109
BR 1996-9307	A 19960621
CA 1996-2225601	A 19960621
CN 1996-195019	A 19960621
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EE 1997-371	A 19960621
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ES 1996-923883	EP 19960621
HU 1999-1710	A 19960621
IL 1996-122752	A 19960621
JP 1997-504156	A 19960621
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PL 1996-324243	A 19960621
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RU 1998-101470	A 19960621
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TW 1996-107489	A 19960621
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US 2002-102495	A 20020320
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WO 1996-EP2700	A 19960621
ZA 1996-5411	A 19960626

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AT 223203	E 20020915
AU 721566	B2 20000706
AU 9664144	A1 19970130
BG 102172	A 19981030
BG 64112	B1 20040130
BR 9609307	A 19990706
CA 2225601	AA 19970116
CA 2225601	C 20031014
CN 1086575B	B 20020626
CN 1189096	A 19980729
CZ 288337	B6 20010516
CZ 9704192	A3 19980617
DE 19625027	A1 19970102
DE 59609627	C0 20021010
DK 835098	T3 20021007
EE 3509	B1 20011015
EE 9700371	A 19980615
EP 835098	A1 19980415
EP 835098	B1 20020904
ES 2183001	T3 20030316
HU 223072	B1 20040301
HU 9901710	AB 19991028
IL 122752	A0 19980816
IL 122752	A1 20010724
JP 11508547	T2 19990727
NO 315452	B1 20030908
NO 9706084	A 19971223
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PL 324243	A1 19980511
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US 2002141944	AA 20021003
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WO 9701329	A1 19970116
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